

## EAST Search History

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| S1    | 0     | @pd<"20000828" and (IM or "instant message") same server and "buffer server"                          | US-PGPUB; USPAT | OR               | ON      | 2006/04/14 17:39 |
| S2    | 0     | @ad<"20000828" and (IM or "instant message") same server and "buffer server"                          | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:08 |
| S3    | 19116 | @ad<"20000828" and (IM or "instant message")  | US-PGPUB; USPAT | OR               | ON      | 2006/04/13 16:48 |
| S4    | 406   | @ad<"20000828" and (IM or "instant message") same server  | US-PGPUB; USPAT | OR               | ON      | 2006/04/13 12:33 |
| S5    | 80    | @ad<"20000828" and (IM or "instant message") same server and "remote server"                          | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:08 |
| S6    | 57    | @ad<"20000828" and (IM or "instant message") same server and "remote server" and buffer               | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:09 |
| S7    | 0     | @ad<"20000828" and (IM or "instant message") same server and "remote server" and "buffer server"      | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:09 |
| S8    | 0     | @ad<"20000828" and (IM or "instant message") same server and handshake and "remote server" and buffer | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:09 |
| S9    | 80    | @ad<"20000828" and (IM or "instant message") and server and "remote server" and buffer                | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:10 |
| S10   | 201   | @ad<"20000828" and (IM or "instant message") and server same remote and buffer                        | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:10 |
| S11   | 14    | @ad<"20000828" and (IM or "instant message") and server same remote same buffer                       | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:12 |
| S12   | 12    | @ad<"20000828" and (IM or "instant message") and server same remote same buffer and connect\$4        | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:23 |
| S13   | 94    | @ad<"20000828" and (IM or "instant message") same connection same protocol                            | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:25 |
| S14   | 0     | @ad<"20000828" and (IM or "instant message") same connection same protocol same handshake             | US-PGPUB; USPAT | OR               | ON      | 2005/09/19 19:24 |

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|     |     |  |                    |    |    |                  |
|-----|-----|--|--------------------|----|----|------------------|
| S15 | 4   | @ad<"20000828" and (IM or "instant message") same connection same protocol and handshake   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/19 19:24 |
| S16 | 2   | @ad<"20000828" and (IM or "instant message") same connection same protocol same optim\$6   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/19 19:26 |
| S17 | 2   | @ad<"20000828" and (IM or "instant message") same connection same protocol same buffer   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/19 19:27 |
| S18 | 12  | @ad<"20000828" and (IM or "instant message") same connection same protocol and buffer same server  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/19 19:28 |
| S19 | 561 | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same server                                       | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 12:38 |
| S20 | 10  | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and "buffer server"  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/19 19:29 |
| S21 | 0   | @ad<"20000828" and (IM or "instant message") same server same handshak\$4  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 12:33 |
| S22 | 10  | @ad<"20000828" and (IM or "instant message") same handshak\$4  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 12:33 |
| S23 | 8   | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same server same handshak\$6                      | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:32 |
| S24 | 29  | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same circular same array                          | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:33 |
| S25 | 0   | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same circular same array same status same message | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:33 |
| S26 | 5   | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same circular same array same status              | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:34 |

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|     |    |   |                    |    |    |                  |
|-----|----|---|--------------------|----|----|------------------|
| S27 | 0  | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same circular same array same status same reconstruct\$6 | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:33 |
| S28 | 0  | @ad<"20000828" and ("real-time" or "real time" or realtime) same communica\$4 and buffer same circular same array same status same construct\$6   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:33 |
| S29 | 3  | @ad<"20000828" and (IM or "instant message") and buffer same circular same array same status  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:35 |
| S30 | 16 | @ad<"20000828" and (IM or "instant message") and buffer same circular same array  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:37 |
| S31 | 0  | @ad<"20000828" and (IM or "instant message") and (sms or "short message service") and buffer same circular same array                             | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:38 |
| S32 | 4  | @ad<"20000828" and (sms or "short message service") and buffer same circular same array   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:39 |
| S33 | 1  | @ad<"20000828" and gsm and buffer same circular same array  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:41 |
| S34 | 0  | @ad<"20000828" and buffer same circular same array same reconstruct\$6 same message   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:42 |
| S35 | 0  | @ad<"20000828" and buffer same circular same array and status same reconstruct\$6 same message  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 14:42 |
| S36 | 1  | @ad<"20000828" and buffer same circular same array and reconstruct\$6 same message  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 15:00 |
| S37 | 5  | @ad<"20000828" and buffer and circular same array and reconstruct\$6 same message   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 15:03 |
| S38 | 25 | @ad<"20000828" and buffer and status same reconstruct\$6 same message   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 15:03 |
| S39 | 6  | @ad<"20000828" and buffer same status same reconstruct\$6 same message  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 15:06 |

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|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| S40 | 0    | @ad<"20000828" and (im or "instant message") same remote same network and sequential same message same handshak\$4 | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 15:07 |
| S41 | 0    | @ad<"20000828" and (im or "instant message") same remote same network and sequential same message same protocol    | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 15:07 |
| S42 | 0    | @ad<"20000828" and (im or "instant message") and remote same network and sequential same message same protocol     | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 15:07 |
| S43 | 90   | @ad<"20000828" and remote same network and sequential same message same protocol                                   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 15:08 |
| S44 | 12   | @ad<"20000828" and remote same network same sequential same message same protocol                                  | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 16:47 |
| S45 | 1687 | (455/466).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/13 16:48 |
| S46 | 15   | @ad<"20000828" and (IM or "instant message") and S45   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:46 |
| S47 | 3515 | (709/206).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/13 16:57 |
| S48 | 0    | @ad<"20000828" and (IM or "instant message") and S45 and S47   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 16:58 |
| S49 | 2    | @ad<"20000828" and (IM or "instant message") and handshak\$6 and S45   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 16:59 |
| S50 | 15   | @ad<"20000828" and (IM or "instant message") and S46   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:04 |
| S51 | 5    | @ad<"20000828" and (IM or "instant message") and sms and S46   | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:16 |
| S52 | 1    | "6356529".pn. and handshak\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:16 |
| S53 | 557  | @ad<"20000828" and (IM or "instant message") and "communication protocol"  | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:50 |
| S54 | 0    | @ad<"20000828" and (IM or "instant message") and "no sequential message handshake"                                 | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:47 |
| S55 | 0    | @ad<"20000828" and (IM or "instant message") and "sequential message handshake"                                    | US-PGPUB;<br>USPAT | OR | ON  | 2006/04/13 17:47 |

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|     |     |  |                    |    |    |                  |
|-----|-----|--|--------------------|----|----|------------------|
| S56 | 8   | @ad<"20000828" and (IM or "instant message") and "sequential message"                        | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:49 |
| S57 | 0   | @ad<"20000828" and (IM or "instant message") and "sequential message" same handshake\$4      | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:48 |
| S58 | 5   | @ad<"20000828" and (IM or "instant message") and "sequential message" same protocol          | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:48 |
| S59 | 0   | @ad<"20000828" and (IM or "instant message") same "sequential message" same protocol         | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:48 |
| S60 | 0   | @ad<"20000828" and (IM or "instant message") same "sequential message"                       | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:48 |
| S61 | 2   | @ad<"20000828" and "instant message" and "sequential message"                                | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:49 |
| S62 | 36  | @ad<"20000828" and (IM or "instant message") same "communication protocol"                   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:57 |
| S63 | 0   | @ad<"20000828" and (IM or "instant message") same buffer same array same "message status"    | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:58 |
| S64 | 0   | @ad<"20000828" and (IM or "instant message") same buffer same array same message same status | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:58 |
| S65 | 0   | @ad<"20000828" and (IM or "instant message") same buffer same array same message same status | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:59 |
| S66 | 5   | @ad<"20000828" and (IM or "instant message") and buffer same array same message same status  | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:59 |
| S67 | 658 | @ad<"20000828" and (IM or "instant message") same buffer                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:59 |
| S68 | 0   | @ad<"20000828" and (IM or "instant message") same buffer same reconstruct\$4 same message    | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:59 |

## EAST Search History

|     |   |  |                    |    |    |                  |
|-----|---|--|--------------------|----|----|------------------|
| S69 | 2 | @ad<"20000828" and (IM or "instant message") same buffer and reconstruct\$4 same message | US-PGPUB;<br>USPAT | OR | ON | 2006/04/13 17:59 |
| S70 | 0 | "6938069".pn. and wireless   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/14 17:40 |
| S71 | 0 | "6938069".pn. and wirel\$4   | US-PGPUB;<br>USPAT | OR | ON | 2006/04/14 17:40 |